

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently Amended) ~~A~~An electrochemical cell comprising:
a laminated sintered body having a helium leakage rate of 10^{-6} Pa·m³/s or lower,
said laminated sintered body comprising:

a ceramic substrate comprising a ceramic porous body having a
thickness of 300 μm or larger and comprising one of an anode and a cathode,
said ceramic porous body comprising a material selected from the group
consisting of a lanthanum-containing perovskite-type complex oxide, platinum-
zirconia cermet, palladium-zirconia cermet, ruthenium-zirconia cermet, nickel-
zirconia cermet, platinum-cerium oxide cermet, palladium-cerium oxide
cermet, ruthenium-cerium oxide cermet and nickel-cerium oxide cermet; and
a ceramic dense body having a thickness of 25 μm or smaller and
comprising a material selected from the group consisting of yttria-stabilized
zirconia, yttria partially-stabilized zirconia, and cerium oxide and lanthanum
chromite; and
an electrode layer comprising the other one of said anode and said cathode
provided on said ceramic dense body of said laminated sintered body, said electrode
layer comprising a material selected from the group consisting of a lanthanum-
containing perovskite-type complex oxide, platinum-zirconia cermet, palladium-
zirconia cermet, ruthenium-zirconia cermet, nickel-zirconia cermet, platinum-cerium
oxide cermet, palladium-cerium oxide cermet, ruthenium-cerium oxide cermet and
nickel-cerium oxide cermet

~~wherein said laminated sintered body has a helium leakage rate of 10^{-6} Pa·m³/s~~
~~or lower.~~
2. (Currently Amended) The electrochemical cell of claim 1, wherein said
laminated sintered body of claim 1, havingan area of 60 cm² or larger.

3. (Currently Amended) The electrochemical cell of claim 1, wherein said laminated sintered body of claim 1 is obtained by a method comprising the steps of laminating green bodies for said ceramic porous body and said ceramic dense body to obtain a laminate, pressure molding said laminate by cold isostatic pressing to obtain a pressure molded body, and sintering said pressure molded body.

4-33. (Cancelled).

34. (New) A laminated sintered body comprising a conductive interconnector for electrically connecting a plurality of electrochemical cells, said laminated sintered body comprising:

a ceramic substrate comprising a ceramic porous body having a thickness of 300 μm or larger and comprising a material selected from the group consisting of a lanthanum-containing perovskite-type complex oxide, platinum-zirconia cermet, palladium-zirconia cermet, ruthenium-zirconia cermet, nickel-zirconia cermet, platinum-cerium oxide cermet, palladium-cerium oxide cermet, ruthenium-cerium oxide cermet and nickel-cerium oxide cermet; and

a ceramic film provided on said ceramic substrate, said ceramic film comprising a ceramic dense body having a thickness of 25 μm or less and comprising lanthanum chromite;

wherein said laminated sintered body has a helium leakage rate of $10^{-6} \text{ Pa}\cdot\text{m}^3/\text{s}$ or less.